

RESULT 1  
 ID O15508 PRELIMINARY; PRT; 411 AA.  
 AC O15508;  
 DT 01-JAN-1998 (TREMBLREL. 05, CREATED)  
 DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)  
 DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)  
 DE P53-REGULATED DNA DAMAGE-INDUCIBLE CELL DEATH RECEPTOR.  
 GN KILLER OR DR5.  
 OS HOMO SAPIENS (HUMAN).  
 OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;  
 OC EUTHERIA; PRIMATES.  
 RN [1]  
 RP SEQUENCE FROM N.A.  
 RC TISSUE=OVARIAN;  
 RA WU G.S., EL-DEIRY W.S.;  
 RL NAT. GENET. 16:0-0(1997). *od.*  
 RN [2]  
 RP SEQUENCE FROM N.A.  
 RX MEDLINE; 97390508.  
 RA PAN G., NI J., WEI Y.F., YU G., GENTZ R., DIXIT V.M.;  
 RL SCIENCE 277:815-818(1997).  
 DR EMBL; AF022386; G2460428; -.  
 DR EMBL; AF012628; G2338429; -.  
 DR PFAM; PF00020; TNFR\_c6.  
 SQ SEQUENCE 411 AA; 45083 MW; 09B03B74 CRC32;

Query Match 100.0%; Score 2972; DB 4; Length 411;  
 Best Local Similarity 100.0%; Pred. No. 0.00e+00;  
 Matches 411; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db	1	MEQRGQNAPAAAGARKRHGPGPREARGARPGPRVPKTLVLVVAAVLLLVSAESALITQQD	60
Qy	1	MEQRGQNAPAAAGARKRHGPGPREARGARPGPRVPKTLVLVVAAVLLLVSAESALITQQD	60
Db	61	LAPQQRAAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWNDDLFLCLRCTRCD	120
Qy	61	LAPQQRAAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWNDDLFLCLRCTRCD	120
Db	121	SGEVELSPCTTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCTPWSDIECVH	180
Qy	121	SGEVELSPCTTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCTPWSDIECVH	180
Db	181	KESGIIIGVTVAAVVLIVAVFVCKSLLWKKVLPYLGKICSGGGDPERVDRSSQRPGAED	240
Qy	181	KESGIIIGVTVAAVVLIVAVFVCKSLLWKKVLPYLGKICSGGGDPERVDRSSQRPGAED	240
Db	241	NVLNEIVSILQPTQVPEQEMEVQEPAEPTGVNMLSPGESEHLLPEAEASQRRRLVPA	300
Qy	241	NVLNEIVSILQPTQVPEQEMEVQEPAEPTGVNMLSPGESEHLLPEAEASQRRRLVPA	300
Db	301	NEGDPPTETLRQCFDDFADLVPFDSWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW	360
Qy	301	NEGDPPTETLRQCFDDFADLVPFDSWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW	360
Db	361	VNKTGRDASVHTLLDALETGLERLAKQKIEDHLLSSGKFMYLEGNADSAMS	411
Qy	361	VNKTGRDASVHTLLDALETGLERLAKQKIEDHLLSSGKFMYLEGNADSAMS	411

L3 ANSWER 4 OF 8 MEDLINE  
AN 97467719 MEDLINE  
DN 97467719  
TI KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor  
gene [letter].  
AU **Wu G S**; Burns T F; McDonald E R 3rd; Jiang W; Meng R;  
Krantz I D; Kao G; Gan D D; Zhou J Y; Muschel R; Hamilton S R;  
Spinner N B; Markowitz S; Wu G; **el-Deiry W S**  
SO NATURE GENETICS, (1997 Oct) 17 (2) 141-3.  
Journal code: BRO. ISSN: 1061-4036.  
CY United States  
DT Letter  
LA English  
FS Priority Journals  
EM 199801  
EW 19980104

RESUB 2  
ID O15517 PRELIMINARY; PRT: 411 AA

DT 01-JAN-

DT 01-JAN-1998 (TREMBLREL. 05, CREATED)

DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)

DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)

DE CYTOTOXIC TRAIL RECEPTOR-2.

GN DR5 OR TRICK2A.

OS HOMO SAPIENS (HUMAN).

OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;

OC EUTHERIA; PRIMATES.

RN [1]

RP SEQUENCE FROM N.A.

RA MACFARLANE M., AHMAD M., SRINIVASULA S.M., FERNANDES-ALNEMRI T.

RA COHEN G.M., ALNEMRI E.S.;

RL J. BIOL. CHEM. 0:0-0 (1997). Oct. 10

RN [2]

RP SEQUENCE FROM N.A.

RA SCREATON G.R., MONGKOLSAPAYA J., XU X., COWPER A.E., MCMICHAEL A.J.,  
RA BELL A.J. :

RA BELL A.J.;

RL CURR. BIOL. 0:0-0(1997).

RN [3]

RP SEQUENCE FROM N.A.

RX MEDLINE; 98090092.

RA CHAUDHARY P.M., EBY M., JASMIN A., BOOKWALTER A., MURRAY J., HOOD L.;  
PI IDENTITY 7-001-00010007

RL IMMUNITY 7:821-830(1997).

RN [4]

RP SEQUENCE FROM N.A.

CHAUDHARY P.M., EBY M., JASMIN A., BOOKWALTER A., HOOD L.;

RL SUBMITTED (JUL-1997) TO EMBL/GENBANK/DBJ DATA BANKS.

DR EMBL; AF020501; G2443818; -

DR EMBL; AF018657; G2407651; -

DR EMBL; AF016268; G2832230; -.

DR PFAM; PF00020; TNFR c6.

SQ SEQUENCE 411 AA; 45127 MW; 579FB4AD CRC32;

Query Match 99.5%; Score 2956; DB 4; Length 411;

Best Local Similarity 99.5%; Pred. No. 0.00e+00;

Matches 409; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1 MEQRGONAPAASGARKRHGPGPREARGARPGRLVPKTLVLVVAVLLLVSAESALITQQD 60

Qy 1 MEQRQONAPAASGARKRHGPGPREARGARPGPRVPKTLVLVVAHVLLLVSAESALITQOD 60

Db 61 LAPQQRVAPOQKRSSPSEGLCPPGHHISEDGRDCISCKYGQDYSTHWNDLLFCLRCTRCD 120

Qy 61 LAPQORAAPOQKRSSPSEGLCPPGHHISEDGRDCISCKYGDYSTHWNDLLFCLRCTRCD 120

Db 121 SGEVELSPCTTTRNTVCQEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCPTWSDIECVH 180

Qy 121 SGEVELSPCTTTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCPTWSDIECVH 180

Db 181 KESGIIIGVTVAAVVLIVAVFVCKSLWKKVLPYLGKICSGGGGDPERVDRSSQRPGAED 240

QY 181 KESGIIIGVTVAADVVLIVAVFVCKSLWKKVLPYLKGICSGGGGDPERVDRSSORPGAED 240

Db 241 NVLNEIVSILOPTQVPEQEMEVQEPAEPTGVNMLSPGESEHLLPEAEAERSQRRRLVPA 300

QY 241 NVLNEIVSILQPTQVPEQEMEVQEPAEPTGVNMLSPGSEHLLEPAEAERSORRRLLVPA 300

Db 301 NEGDP TETLRQC FDDFADLVPFDSWEPLMRKLG LMDNEIKVAKAE AAGHRDTLYTMLIKW 360

|||||  
Qy 301 NEGDPTETLRQCFDDFADLVPFDSWEPLMRKLGMDNEIKVAKAEAAGHRDTLYTMLIKW 360  
Db 361 VNKTGRDASVHTLLDALETGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411  
|||||  
Qy 361 VNKTGRDASVHTLLDALETGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411

L6 ANSWER 2 OF 2 MEDLINE  
AN 97467318 MEDLINE  
DN 97467318  
TI Identification and molecular cloning of two novel receptors for the  
cytotoxic ligand TRAIL.  
AU **MacFarlane M**; Ahmad M; **Srinivasula S M**;  
Fernandes-Alnemri T; Cohen G M; Alnemri E S  
CS Center for Apoptosis Research and the Department of Microbiology and  
Immunology, Kimmel Cancer Institute, Thomas Jefferson University,  
Philadelphia, Pennsylvania 19107, USA.  
NC AG 13487 (NIA)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 10) 272 (41) 25417-20.  
Journal code: HIV. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Cancer Journals  
OS GENBANK-AF020501; GENBANK-AF020502  
EM 199801  
EW 19980104

Aug

RESULT 4

ID 014763 PRELIMINARY; PRT; 440 AA.  
 AC 014763;  
 DT 01-JAN-1998 (TREMBLREL. 05, CREATED)  
 DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)  
 DT 01-AUG-1998 (TREMBLREL. 07, LAST ANNOTATION UPDATE)  
 DE APOPTOSIS INDUCING RECEPTOR TRAIL-R2.  
 GN TRAILR2.  
 OS HOMO SAPIENS (HUMAN).  
 OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;  
 OC EUTHERIA; PRIMATES.  
 RN [1]  
 RP SEQUENCE FROM N.A.  
 RA WALCZAK H., DEGLI-ESPOSTI M.A., JOHNSON R.S., SMOLAK P.J., WAUGH J.Y.,  
 RA BOIANI M., TIMOUR M.S., GERHART M.J., SCHOOLEY K.A., SMITH C.A.,  
 RA GOODWIN R.G., RAUCH C.T.;  
 RL EMBO J. 16:5386-5397(1997).  
 DR EMBL; AF016849; G2465586; -.  
 DR PFAM; PF00020; TNFR\_c6.  
 SQ SEQUENCE 440 AA; 47850 MW; 268DA232 CRC32;

Query Match 89.3%; Score 2653; DB 4; Length 440;  
 Best Local Similarity 93.4%; Pred. No. 0.00e+00;  
 Matches 411; Conservative 0; Mismatches 0; Indels 29; Gaps 1;

Db 1 MEQRGQNAPAAASGARKRHGPGPREARGARPGPRVPKTLVLVVAVLLLVSAESALITQQD 60  
 |||||  
 Qy 1 MEQRGQNAPAAASGARKRHGPGPREARGARPGPRVPKTLVLVVAVLLLVSAESALITQQD 60  
 Db 61 LAPQQRAAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWNDLLFCLRCTRCD 120  
 |||||  
 Qy 61 LAPQQRAAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWNDLLFCLRCTRCD 120  
 Db 121 SGEVELSPCTTTRNTVCQEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCTPWSDIECVH 180  
 |||||  
 Qy 121 SGEVELSPCTTTRNTVCQEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCTPWSDIECVH 180  
 Db 181 KESGTKHSGEAPAVEETVTSSPGTPASPCSLSGIIIGVTVAAVVLIVAVFVCKSLLWKKV 240  
 |||||  
 Qy 181 KESG-----IIIGVTVAAVVLIVAVFVCKSLLWKKV 211  
 Db 241 LPYLKGICSGGGGDPERVDRSSQRPGEADNVLNEIVSILQPTQVPEQEMEVEPAEPTGV 300  
 |||||  
 Qy 212 LPYLKGICSGGGGDPERVDRSSQRPGEADNVLNEIVSILQPTQVPEQEMEVEPAEPTGV 271  
 Db 301 NMLSPGESEHLLPEAEAERSQRRLLVPANEGDPTETLRQCFDDFADLVPFDSWEPLMRK 360  
 |||||  
 Qy 272 NMLSPGESEHLLPEAEAERSQRRLLVPANEGDPTETLRQCFDDFADLVPFDSWEPLMRK 331  
 Db 361 LGLMDNEIKVAKAEAAGHRDTLYTMLIKWVNKTGRDASVHTLLDALETGLGERLAKQKIED 420  
 |||||  
 Qy 332 LGLMDNEIKVAKAEAAGHRDTLYTMLIKWVNKTGRDASVHTLLDALETGLGERLAKQKIED 391  
 Db 421 HLLSSGKFMYLEGNADSAMS 440  
 |||||  
 Qy 392 HLLSSGKFMYLEGNADSAMS 411

L9 ANSWER 2 OF 2 MEDLINE  
AN 97459925 MEDLINE  
DN 97459925  
TI TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL.  
AU **Walczak H**; Degli-Esposti M A; Johnson R S; **Smolak P**  
J; Waugh J Y; Boiani N; Timour M S; Gerhart M J; Schooley K A;  
Smith C A; Goodwin R G; Rauch C T  
CS Immunex Corporation, 51 University Street, Seattle, WA 98101, USA.  
SO EMBO JOURNAL, (1997 Sep 1) 16 (17) 5386-97.  
Journal code: EMB. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF016849  
EM 199802



RESULT 5  
 ID 015531 PRELIMINARY; PRT; 440 AA.  
 AC 015531;  
 DT 01-JAN-1998 (TREMBLREL. 05, CREATED)  
 DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)  
 DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)  
 DE APOPTOSIS INDUCING PROTEIN.  
 GN TRICK2B.  
 OS HOMO SAPIENS (HUMAN).  
 OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;  
 OC EUTHERIA; PRIMATES.  
 RN [1]  
 RP SEQUENCE FROM N.A.  
 RA SCREATON G.R., MONGKOLSAPAYA J., XU X., COWPER A.E., MCMICHAEL A.J.,  
 RA BELL A.J.;  
 RL CURR. BIOL. 0:0-0(1997). *Supt. 1*  
 RN [2]  
 RP SEQUENCE FROM N.A.  
 RA SCHNEIDER P., BODMER J.-L., THOME M., HOLLER N., HOFMANN K.,  
 RA TSCHOPP J.;  
 RL FEBS LETT. 0:0-0(1997).  
 DR EMBL; AF018658; G2407653; -.  
 DR EMBL; AF016266; G2529563; -.  
 DR PFAM; PF00020; TNFR\_c6.  
 SQ SEQUENCE 440 AA; 47894 MW; 8DD4EF03 CRC32;

Query Match 88.7%; Score 2637; DB 4; Length 440;  
 Best Local Similarity 93.0%; Pred. No. 0.00e+00;  
 Matches 409; Conservative 0; Mismatches 2; Indels 29; Gaps 1;

Db	1	MEQRGQNAPAAAGARKRHGPGPREARGARPGLRVPKTLVLVVA	60
Qy	1	MEQRGQNAPAAAGARKRHGPGPREARGARPGPRVPKTLVLVVA	60
Db	61	LAPQQRVAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWN	120
Qy	61	LAPQQRAAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWN	120
Db	121	SGEVELSPCTTTRNTVCQCEEGTFREEDSPEMCRKCRGTGCPRG	180
Qy	121	SGEVELSPCTTTRNTVCQCEEGTFREEDSPEMCRKCRGTGCPRG	180
Db	181	KESGTHKHSGEAPAVEETVTSSPGTPASPCSLSGIIIGVTVA	240
Qy	181	KESG-----IIIGVTVA	211
Db	241	LPYLKGICSGGGGDPERVDRSSQRPGAEDNVLNEIVSILQPTQV	300
Qy	212	LPYLKGICSGGGGDPERVDRSSQRPGAEDNVLNEIVSILQPTQV	271
Db	301	NMLSPGESEHLLPEAAEASQRRRLVPANEGDPTETLRQCFDDFAD	360
Qy	272	NMLSPGESEHLLPEAAEASQRRRLVPANEGDPTETLRQCFDDFAD	331
Db	361	LGLMDNEIKVAKAEAAAGHRDTLYTMLIKWVNKTGRDASVHTLLD	420
Qy	332	LGLMDNEIKVAKAEAAAGHRDTLYTMLIKWVNKTGRDASVHTLLD	391
Db	421	HLLSSGKFMYLEGNADSAMS	440
Qy	392	HLLSSGKFMYLEGNADSAMS	411

L12 ANSWER 2 OF 2 MEDLINE  
AN 97431692 MEDLINE  
DN 97431692  
TI TRICK2, a new alternatively spliced receptor that transduces the  
cytotoxic signal from TRAIL.  
AU **Screaton G R; Mongkolsapaya J**; Xu X N; Cowper A  
E; McMichael A J; Bell J I  
CS Molecular Immunology Group Institute of Molecular Medicine John  
Radcliffe Hospital Oxford, OX3 9DS, UK.  
SO CURRENT BIOLOGY, (1997 Sep 1) 7 (9) 693-6.  
Journal code: B44. ISSN: 0960-9822.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF018657; GENBANK-AF018658  
EM 199804



QY 347 GGTCCAGCCCCTCAGAGGGATTGTGTCCACCTGGACACCATATCTCAGAAGACGGTAGAG 406  
 Db 431 CCTGTAACCGGTGCACAGAGGGTGTGGGTACACCAATGCTTCCAACAATTTGTTTGCTT 490  
 QY 407 ATTGCATCTCCTGCAAATATGGACAGGACTATAGCACTCACTGGAATGACCTCCTTTTCT 466  
 Db 491 GCCTCCCATGTACAGCTTGTAAATCAGATGAAGAAGAGAGAAGTCCCTGCACCACGACCA 550  
 QY 467 GCTTGCCTGCACACAGGTGTGATTGAGTGAAGTGGAGCTAAGTCCCTGCACCACGACCA 526  
 Db 551 GGAACACAGCATGTGAGTGCACAGGGTGTCCCGAATGACAATTCTGCTGAGATGT 610  
 QY 527 GAAACACAGTGTGTGAGTGCAGGAAGGCACCTTCCGGGAAGAAGATTCTCCTGAGATGT 586  
 Db 611 GCCGGAAGTGCAGCACAGGGTGTCCCGAGAGGGATGGTCAAGGTCAAGGATTGTACGCCCT 670  
 QY 587 GCCGGAAGTGCAGCACAGGGTGTCCCGAGAGGGATGGTCAAGGTGGTGTGATTGTACACCT 646  
 Db 671 GGAGTGACATCGAGTGTGTCCACAAAGAATCAGGCAATGGACATAATATATGGGTGATTT 730  
 QY 647 GGAGTGACATCGAATGTGTCCACAAAGAATCAGGCA-TCATCATAGGAG-TCACAG-TTG 703  
 Db 731 TGGTTGTGACTTTGGTTGTTCCGTTGCTGTTGGTGGCTGTGCTGATTGTCTGTTGTTGCA 790  
 QY 704 CAGCCGTAGTCTTGATTGTGGCTGTGTTTGTGTT-TGCAAGTCTTTACTGTGGAAGAAAGTC 762  
 Db 791 TCGGCTCAGGTTGTGGAGGGGACCCCAAGTGCATGGACAGGGTGTGTTTCTGGCGCTTGG 850  
 QY 763 CTTCTTACCTGAAAGGCATCTGCTCAGGTGGTGGTGGGGACCCCTGAGCGTGTGGACAGA 822  
 Db 851 GTCTCCTACGAGGGCCTGGGGCTGAGGACAATGCTCACAACGAGATTCTGAGCAACGCAG 910  
 QY 823 AGCTC--ACAACGACCTGGGGCTGAGGACAATGTCTCAATGAGAT-C-GTG--A-GTAT 875  
 Db 911 ACTCGCTGTCCACTTTCGTCTCTGAGCAGCAAATGGAAAGCCAGGAGCCGGCAGATTGA 970  
 QY 876 -CTTGCAGCCACCCAGGTCCCTGAGCAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAA 934  
 Db 971 CAGGTGTCACTGTACAGTCCCCAGGGGAGGCACAGTGTCTGCTGGGACCGGCAGAAGCTG 1030  
 QY 935 CAGGTGTCAACATGTTGTCCCCGGGGAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTG 994  
 Db 1031 AAGGGTCTCAGAGGAGGAGGCTGCTGGTTCCAGCAAATGGTGTGACCCCACTGAGACTC 1090  
 QY 995 AAAGGTCTCAGAGGAGGAGGCTGCTGGTTCCAGCAAATGAAGGTGATCCCACTGAGACTC 1054  
 Db 1091 TGATGCTGTTCTTTGACAAGTTTGCACAAATCGTGCCCTTTGACTCCTGGGACCAGCTCA 1150  
 QY 1055 TGAGACAGTGCTTCGATGACTTTGCAGACTTGGTGGCCCTTTGACTCCTGGGAGCCGCTCA 1114  
 Db 1151 TGAGGCAGCTGGACCTCACGAAAAATGAGATCGATGTGGTCAAGCTGGTACAGCAGGCC 1210  
 QY 1115 TGAGGAAGTTGGGCCTCATGGACAATGAGATAAAGTGGCTAAAGCTGAGGCAGCGGGCC 1174  
 Db 1211 CAGGGGATGCCTTGTATGCAATGCTGATGAAATGGGTCAACAAAACCTGGACGGAACGCCT 1270  
 QY 1175 ACAGGGACACCTTGTACACGATGCTGATAAAGTGGGTCAACAAAACCGGGCAGATGCCT 1234  
 Db 1271 CGATCCACACCCTGCTGGATGCCTTGGAGAGGATGGAAGAGAGACATGCAAAAGAGAAGA 1330

QY 1235 CTGTCCACACCCTGCTGGATGCCTTGGAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGA 1294  
Db 1331 TTCAGGACCTCTTGGTGGACTCTGGAAAGTTCATCTACTTAGAAGATGGCACAGGCTCTG 1390  
|| ||||| |||| || ||||| ||||| || ||||| || ||||| |||||  
QY 1295 TTGAGGACCACTTGTTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTG 1354  
Db 1391 CCGTGTCCCTTGGAGTGA 1407  
|| ||||| || |||||  
QY 1355 CCATGTCCTAAGTGTGA 1371

